



CTE Session 1

Technologists Committee/ SNMMI-TS

Sunday, September 10, 08:00 – 09:30

Session Title

Technologists' Guide launch – Gastro Intestinal Molecular Imaging Studies

Chairpersons

Andrea Santos (Lisbon, Portugal)

Dmitris Beyden (Boston, United States of America)

Programme

08:00 – 08:15 **Agata Pietrzak** (Poznan, Poland): Opening

08:15 – 08:40 **David Gilmore** (Boston, USA): Hepatobiliary and Spleen Studies

08:40 – 09:05 **Zvi Bar-Sever** (Petah Tikvah, Israel): Scintigraphy of Gastroesophageal Reflux, Pulmonary Aspiration and Gastric Emptying in Children

09:05 – 09:30 **Raquel Massa** (Manchester, United Kingdom): Oncological Studies (SPECT & PET)

Educational Objectives

1. Get acquainted with the Technologists' Guide 2023 edition
2. Understand the importance of nuclear medicine imaging procedures regarding gastro intestinal studies
3. Be aware of the most updated guidelines on hepatobiliary and spleen studies
4. Understand the singularities of paediatric studies such as scintigraphy of gastroesophageal reflux, pulmonary aspiration and gastric emptying in children
5. Overview the oncological studies with application to the Gastro intestinal tract

Summary

According to the available literature, gastrointestinal studies in nuclear medicine show a great variety of imaging protocols, being very challenging to build protocols in these diagnostic procedures. Every year, the EANM's Technologists Committee releases a new edition of a Technologists Guide, which topic varies according to committee's selected topic. This year's edition is related with the gastrointestinal studies, aiming at providing the community with a summarized publication with practical tools to support the daily practice.

Starting with the basics of anatomy and physiology, going to the radiopharmaceutical used in these procedures, the book will overview the majority of the most seen diagnostic procedures in nuclear medicine, such as the topics included in this session: hepatobiliary and spleen studies, oncological studies and also a look at gastroesophageal reflux studies, pulmonary aspiration and gastric emptying in children. These three presentations will summarize the content of the corresponding book chapter in a unique opportunity to hear it explained by the authors of the chapter.

Key Words

nuclear medicine, gastro intestinal molecular imaging studies, hepatobiliary scintigraphy, paediatric, oncological gastro intestinal